

# LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

<b>GENERAL INFORMATION:</b>			<b>Date:</b> 7 February 2006		
<b>County:</b> Surry		<b>Contractor/Municipality:</b> Synagro, Inc., VDH BUR 128			
<b>Name (Owner/Operator):</b> Sussex Surry, LLC					
<b>Inspected by:</b> Charlie Swanson					
<b>Others present:</b> Alone					
<b>FIELD DATA/OBSERVATIONS:</b>			<b>Time:</b> 12:15 p.m.		
<b>Weather:</b> Sunny, 50s, windy			<b>Soil conditions:</b> soil moisture in places		
<b>Biosolids source:</b> Blue Plains			<b>Biosolids type:</b> lime stabilized		
<b>Application rate WT/ac:</b> 100 pounds PAN to young trees					
<b>Crop and expected yield:</b> currently seven feet tall pines					
<b>BIOSOLIDS APPLIED:</b>		<input type="checkbox"/> Liquid		<input checked="" type="checkbox"/> Dewatered	
<b>MODE OF APPLICATION:</b>		<input checked="" type="checkbox"/> Surface		<input type="checkbox"/> Surface w/incorporation	
<b>APPLICATION LIMITED BY:</b>		<input checked="" type="checkbox"/> Nitrogen		<input type="checkbox"/> pH	
		<input type="checkbox"/> Max. hydraulic loading (liquid biosolids)			
		<input type="checkbox"/> Max. solids loading (15 dry tons/acre)			
		<input type="checkbox"/> Other (specify):			
<b>FIELD OBSERVATIONS</b>				<b>YES</b>	<b>NO</b>
<b>Buffers observed:</b>				<b>XX</b>	
<b>Uniform application:</b>				<b>XX</b>	
<b>Proper field records:</b>				<b>XX</b>	
<b>Signs of runoff:</b>					<b>XX</b>
<b>Trucks non-spill/watertight:</b>				<b>N/Obs.</b>	
<b>Condition of haul route satisfactory:</b>				<b>XX</b>	
<b>ODORS PRESENT:</b>		<input type="checkbox"/> None		<input checked="" type="checkbox"/> Normal	
				<input type="checkbox"/> Above normal*	
<b>If yes, type</b>	<input type="checkbox"/> Lime	<input type="checkbox"/> Ammonia	<input type="checkbox"/> Sulfides	<input type="checkbox"/> Septic	<input checked="" type="checkbox"/> sl. Musty
<b>OVERALL CONDITION OF SITE:</b>		<input checked="" type="checkbox"/> Good		<input type="checkbox"/> Fair	
				<input type="checkbox"/> Poor	
<b>COMMENTS: (*explain):</b>		<p>Dr. Cal Sawyer, Director, DWE, received a telephone call on Monday, February 6, 2006, from a neighbor of a pine tree plantation biosolids application site. A complaint was registered with DWE that Synagro was operating on the tree site and that odors had resulted in a fishy smell. Operations on this large site (SU2-4) had begun recently. This site is located north of Route 40 along the Surry/Sussex County line. The site is listed at 598 acres and also lies along Route 601 with access thru a locked metal gate off Route 601. Mr. Charles Swanson (author) accessed the site through the gate and proceeded down a long dirt access road. At the rear of the property Mr. Swanson found two biosolids spreaders and a front end loader located near an area of young pines (about 7 feet tall) that had been spread. The Synagro crew was not present and not operating on this day. Digital pictures were taken and are enclosed for the file. Mr. Swanson checked the buffers on the applied fields and found the property lines and distances from the road were adequately buffered. Very slight odor was detected in the middle of the property with a steady wind blowing from the north to the south.</p>			

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 Surry County Health Department

**LAND APPLICATION OF BIOSOLIDS  
SITE INSPECTION FORM (Cont.)**

**Jack Wilson Site  
March 26, 2003**

Synagro